



## MINUTES

### PLACER COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD OF DIRECTORS Monday, October 16, 2006

The Board of Directors for the Placer County Flood Control and Water Conservation District met in session beginning at 4:02 P.M., Monday, October 16, 2006 in the Rocklin City Council Chambers, 3970 Rocklin Road, Rocklin, California. Ken Grehm, Executive Director, Brian Keating, District Engineer, Andrew Darrow, Development Coordinator and Brian Wirtz, District Counsel, represented the District.

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#### 1. **ROLL CALL:**

By roll call, Directors present: Weygandt, Rompala, Hanley, Santucci, Yorde and Morillas arriving at 4:04 P.M.

Not Present: Directors Santini and Roccucci.

Chairman Kevin Hanley explained that Action Item 5b was being replaced with a new handout containing attachment revisions. The Staff report remained the same for this item.

#### 2. **APPROVAL OF AUGUST 14, 2006 MINUTES:**

Approved as submitted

MOTION: Rompala / Weygandt

#### 3. **PUBLIC COMMENT:**

William Zisk commented that he is concerned the City has allowed large trees to grow in the floodway reducing the channel carrying capacity of Dry Creek. He said the trees will potentially erode from the stream banks and lodge themselves against the bridges during high flood conditions. Mr. Zisk further stated that the City of Roseville recently received a Class 1 rating from FEMA on flood preparedness but he is concerned that due to the upcoming salmon migration season, there will not be time to address his channel concerns. William commented that he understands the District does not have jurisdiction on this matter but he has reported it to the City and would like his comments made a part of the public record.

#### 4. **ITEM FOR INFORMATION:**

a. **District staff have made preparations for the upcoming 2006 flood season including:**

- Updating the District Flood Response Handbook
- Completion and distribution of GIS based Flood Hazard Mapping
- Coordination meetings with County and State Office of Emergency Services

Brian reported that with the 2006 flood season quickly approaching, District staff would like to inform the Board of preparations and progress made to improve our flood preparedness and response levels. Brian stated that staff has completed our annual update to the District's

Flood Response Handbook (FRH). The FRH addresses emergency communication procedures, emergency material supplies and equipment availability, technical resources and data to help predict flooding events, and State level emergency operations manuals. Brian stated that staff has been working to produce the first regional, GIS based Flood Hazard Awareness Mapping for the entire County. The first complete draft of this mapping is now available and will be placed within the District's FRH, posted at the County Emergency Operations Center (EOC), and distributed to our member agencies. The mapping includes areas of known flooding trouble, locations of critical facilities such as police and fire stations, government centers, schools, nursing homes, and hospitals. Roads subject to flooding closures and preferred evacuation routes are identified. Brian stated that although copies of the District's flood response handbook are not distributed to Board directors, they are available upon request.

Director Yorde asked if the GIS based Flood Hazard Awareness Mapping is digitized. Brian answered that the GIS is digitized and is considered a work-in-progress and will be updated as more information becomes available.

Brian stated that District staff plan to attend two pre-flood season coordination meetings, one with Placer County Office of Emergency Staff (OES) and a second with the State of California OES. These coordination meetings are scheduled on an annual basis at this time of year to review emergency response agency responsibilities, lines of communication, existing flood response handbooks and overall flood preparedness levels.

Brian reported that the long range winter forecasts from the National Weather Service (NOAA) have been released and indicate a 50/50 chance of wetter than average precipitation in northern California with a moderate El Nino type condition developing in the Pacific Ocean. Annually District staff review this information from NOAA as the best available information on long range forecasting.

b. Conversion of ALERT flood warning system to internet based platform

Andy reported that in conjunction with OneRain Inc., District staff has upgraded our existing flood warning response software to now provide improved access to real-time rain and stream level data for participating District member agencies. Andy further reported that all Placer County ALERT flood warning data is now available to designated users on one central website entitled Placer Contrail Web. Andy stated that links to other important flood warning response websites, including the City of Roseville and Sacramento County flood warning response websites, are available from the Placer Contrail Web site.

Andy reported that this effort completes two of the District's short term 2006 work plan goals by providing a web based protocol for ALERT system data sharing and by providing a system to place automated notifications to critical District and County OES staff at pre-determined flood risk stages.

Andy stated that a training session for the Contrail Web software was provided for all District member agencies at District offices in September 2006.

Director Yorde asked if the rainfall amounts shown were based on one hundred year flood events. Andy answered that no the number was inches of rainfall over a 24 hour period from several weeks ago. Director Rompala asked if the state still had a flood emergency operations center (EOC). Andy replied that the state still operates their EOC and if they would like access to our data that could be made available.

5. **ACTION ITEMS:**

- a. Miners Ravine Off-Channel Detention Basin Facility – Project construction update and approval of Construction Contract Change Order No. 2.

Ken reported that construction activities for the Miners Ravine Off-Channel Detention Basin Facility have been on-going with considerable efforts being made to meet the October 15<sup>th</sup> deadline for completing all in-stream zone work. Weather permitting, an extension of this work until November 1<sup>st</sup>, has been recently approved by the Department of Fish and Game. Ken stated that all but the remaining 300 feet of dam embankment foundation has been excavated and approved for backfilling by the Division of Safety of Dams and construction of the earthen dam/levee work is on-going. Extensive dewatering of shallow groundwater has been on-going across the site allowing for mass excavation/grading activities. The floodplain area between the toe of the dam and creek has been graded and compacted and is ready for landscaping. Sierra College Boulevard frontage improvements will be constructed under a reimbursement agreement with Elliott Homes, including installation of the 6' X 10' inlet/outlet culvert, irrigation services and the driveway entrance to the site. Weather permitting, the construction contractor, Syblon Reid, intends to have the majority of construction items completed by January 2007, with remaining items for next spring/summer to include bikepath and parking lot paving, final landscaping and the inlet/outlet weir and culvert on the upstream side of Sierra College Boulevard.

The construction manager for the District, RBF Consulting, is recommending approval of construction Contract Change Order No. 2. This change order was necessitated when it was determined the location of a section of the south easterly corner of the embankment was too close to newly constructed Sierra College Boulevard widening improvements as well as a group of twelve existing oak trees to be constructible. A re-design for the location of the embankment impacts other planned improvements including the expansion of the 6' X 10' inlet/outlet culvert, bikepath, storm drain facilities and frontage landscaping plans. The estimated total cost for Contract Change Order No. 2 is \$157,000 as reflected in the Syblon Reid construction contract summary below. The cost reflects cost savings realized by a decrease in overall length of constructed embankment of approximately 100 feet with this change.

Ken reported that at the August 8, 2006 Board meeting, the Board authorized the Executive Director contract change order approval authority of up to 8% of the total original construction contract amount or \$191,266. As both CCO No. 1 and CCO No. 2 will have been approved separately by the Board, the Executive Director's change order approval authority has not been used to date.

Ken further stated that staff has been informed by its construction manager to expect additional future cost increases for several construction bid items, paid on a unit basis that will exceed the original bid quantities. Ken explained that these include the items of general excavation-additional and lean concrete necessary to meet Division of Safety of Dam embankment footing requirements. Increased out of scope work for several lump sum based pay items are also anticipated including water pollution control, erosion control, planting and conditioning the soil quality for fill on site. The total additional future construction cost increases beyond CCO No. 2 are projected to be an estimated \$100,000. This would bring the total construction cost increase to approximately 15% of the original contract price; however the District will be saving tens of thousands by off-hauling the excess soil. Staff does not consider the total 15% increase excessive for this type of construction project as it involves complex jurisdictional dam, geotechnical and environmental restoration components. Ken reminded the Board that the original total construction contract amount was some \$600,000 below the engineer's estimate and budgeted funding for the project.

Director Santucci asked about the size of the Water Quality Control culvert. Brian answered that the culvert is 6' X10', a fairly large structure. Director Hanley asked if construction costs would increase \$100,000 due to Regional Board issues. Ken stated a majority of the construction cost increases are due to preparing the site for winterization to meet Regional Board requirements. Director Rompala asked if the Regional Water Control Board had a chance to review the plans. Ken answered that generally the Regional Water Control Board doesn't review final construction plans but does review on-going operations and winterization plans. District staff also filed for a general permit for water quality certification as required by the Board.

Ken stated that staff recommends the Board, by motion, approve of contract change order No. 2 for the Miners Ravine Off-Channel Detention Basin Project.

MOTION: Santucci / Yorde— Unanimous

- b. Miners Ravine Off-Channel Detention Basin Facility – Adoption of Resolution Number 06-08 approving the Purchase Agreement and authorizing the Chairman to execute a drainage easement deed to Elliott Homes, Inc..

Brian explained that Action Item 5b was being replaced with a new handout containing attachment revisions however the staff report remains the same.

Brian stated that the Stoneridge Phase 4a residential development is a new development under construction by Elliott Homes, Inc and is located directly to the north of the District's Miners Ravine Off-Channel Detention Basin Facility. As a drainage condition set by the City of Roseville for this residential development, Elliott Homes was required to construct a 36-inch storm drain line with outfall over an approximate 300 feet of land owned by the District. Brian explained that the storm drain construction necessitates that a drainage easement be issued by the District to Elliott Homes. The design and construction of these storm drain facilities on District lands has been coordinated with the design and construction of the Miners Ravine Off-Channel Detention Basin Facility and all applicable permit approvals have been obtained. Elliott Homes has prepared an acceptable plat map and legal description for the easement suitable for recording through the County. Brian further stated that staff recommends a drainage easement be granted from the District to Elliott Homes for the related construction and long term maintenance of these storm drain facilities.

Brian explained that the District has successfully negotiated a purchase price of \$6,621 which equates to \$1.00 per square foot. Brian further stated that according to the County's Right-Of-Way agent, market data for the Granite Bay area confirms that the purchase price for the easement is consistent with residential properties in this area and therefore constitutes a fair market value.

Director Yorde asked if the District is responsible for storm flows in the swale below. Brian answered that yes, we are since the swale is within District property. Brian reported that the Corps of Engineers has reviewed and approved this drainage as part of our permit. Brian stated that District staff recommends the adoption of Resolution Number 06-08 approving the purchase agreement and authorizing the Chairman to execute a drainage easement deed to Elliott Homes Inc.

MOTION: Yorde / Weygandt – Unanimous

- c. Miners Ravine Off-Channel Detention Basin Facility – Adoption of Resolution Number 06-09 authorizing the Chairman to execute an endowment agreement and conservation and flood control easement deed to Placer Land Trust.

Brian stated that the District is obligated under its existing grant funding agreement, SAP Contract No. 4600003317, with the State of California Department of Water Resources to issue a flood and conservation easement to a trustee agency over the approximate 28 acres of land acquired by the District for the purposes of constructing the Miners Ravine Off-Channel Detention Basin Facility.

Brian further stated that staff has held discussions with several local trustee agencies willing to accept the flood and conservation easement grant and recommends the award to Placer Land Trust (PLT). PLT has proven capabilities and experience as an easement steward for similar conservation easements. Brian stated that staff also recommends their approach of funding the easement stewardship efforts over the long term, through perpetuity, as an endowment type fund with a single initial donation of \$200,000.

Director Hanley asked if the easement issuance might preclude use of herbicides/pesticides on District property. Brian answered that per the Memorandum of Understanding (MOU) with the Department of Fish and Game certain herbicides are allowed during stream channel maintenance work. Director Hanley asked if the \$200,000 amount is reasonable. Brian replied that the costs are considered fair and reasonable over the long term based on discussions staff has had with other trustee agencies for the same stewardship services and these monies will over the long term earn interest. Director Henley asked if these costs were formulated per acre. Brian answered that no the services and costs include easement creation, pre-construction site documentation, annual monitoring, consultations and coordination with the District and other stakeholders, enforcement of easement terms, correction of possible violations, regular reporting to the State DWR, potential legal defense, administrative and overhead costs and contingencies. Director Yorde asked if these funds were budgeted or were they unknown costs. Brian replied that the \$200,000 was originally in the 2006-2007 year budget.

Brian stated that District staff recommends adoption of Resolution Number 06-09 authorizing the Chairman to execute an endowment agreement and a flood and conservation easement deed to Placer Land Trust.

MOTION: Roccucci / Santucci – Unanimous

**6. NEXT MEETING:**

The next regularly scheduled Board meeting is November 13, 2006, at 4:00 p.m. at the Rocklin City Council Chambers.

**7. ADJOURNMENT:**

The meeting was adjourned at 4:41 p.m.

Respectfully submitted,

*Carrie Diller*

District Secretary